

Microprocessor UV-VIS Single Beam Spectrophotometer

HSN Code: 90273020



Features:

- Unique optical system, 1200 lines/mm grating and imported receiver to ensure its sound performance.
- The instrument has PC connectivity software expands the capabilities of the instrument includes Photometric analysis, Quantitative analysis, Spectral scanning, Kinetics, DNA/protein analysis, Multi-wavelength test, etc.
- Adopts 51 microcomputer system, and store 200 test data and 100 standard curves;
- Plug type deuterium lamp and tungsten lamp transfer light without optics debugging.

Cell Holder : 50MM cell holder 4 position
With Scanning Software

Standard Configuration

- Main Set : 1 No.
- USB Cable : 1 No.
- Accessory kit, Including a 4 glass cell : 1 No.
- 2 Quartz Cell : 1 No.
- Operating Manual Software Manual : 1 No.
- Dust Cover : 1 No.
- Software CD : 1 No.
- Software Key : 1 No.
- Power Cable : 1 No.

Technical Specification:

Optical System	: Single Beam, Grating 1200 lines/mm
Wavelength Range	: 190~1100nm
Spectral Bandwidth	: 2 nm
Wavelength Accuracy	: 1nm
Wavelength Repeatability	: <=0.2 nm
Photometric Accuracy	: 0.5%T
Photometric Repeatability	: 0.2%T
Photometric Range	: 0 - 200%T, - 0.3 - 3A
Stray light	: 0.15%T
Stability	: $\pm 0.0002A/h$ @500nm
Baseline Flatness	: $\pm 0.002 A$
Noise	: $\pm 0.001 A$
Wavelength Setting	: Auto
Light Source	: Imported Deuterium & Tungsten lamp
Display	: 128*64 LCD
Detector	: Imported Silicon Photodiode
Output	: USB port & Parallel port (Printer)
Power	: AC 220V/50Hz; AC 110V/60Hz
Dimension	: 590*460*220mm
Net Weight	: 16kg
Shipping Size	: 700*580*340mm
Weight	: 20kg

Applications

- Pharmaceutical Industry
- Environment Monitoring
- Commodity Inspection
- Food Inspection
- Agricultural Chemistry
- Teaching in Colleges & Universities
- Metallurgy
- Geology
- Machine Manufacturing
- Petrochemical Industries
- Water and waste water Labs
- Food and Beverages Labs

Product Range

• pH/mV/°C/ORP Analyzer • Conductivity/TDS/Resistivity/Salinity/°C Analyzer
• Multiparameter Analyzer (pH/ORP/Conductivity/TDS/Resistivity/Salinity/°C)
• Karl Fischer Titrator • Auto Titrator • Automatic Melting Point Apparatus
• Flame Photometer • Friability Test Apparatus • Tablet Dis-integration Test Apparatus
• Tap Density Test Apparatus • Tablet Hardness Tester • Leak Test Apparatus
• Tablet Dissolution Test Apparatus • Electromagnetic Sieve Shaker • Ultrasonic Bath (Sonicator)
• Analytical Electronics Balance • Halogen Based Moisture Analyzer
• Visible & UV-Vis. Spectrophotometer • Nitrogen Gas Generator • Zero Air Gas Generator
• Combination Nitrogen / Zero Air Gas Generator • Air Drying Unit for TOC Analyzer
• Dew Point Apparatus • Gas Handling & Purification System • Laboratory Furniture & Fume Hood
• Exhaust Hood for AAS/ICP.

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AN ISO 9001 : 2015 CERTIFIED CO.
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